



03500.017485.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: Not Yet Assigned
MAHITO SHINOHARA	)	
	:	Group Art Unit: Not Yet Assigned
Application No.: 10/644,850	)	
	:	
Filed: August 21, 2003	)	
	:	
For: IMAGE PICKUP APPARATUS	)	March 23, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Pursuant to the notice from the U.S. Patent and Trademark Office waiving the requirement under 37 C.F.R. 1.98(a)(2)(I) for submitting copies of cited U.S. Patents, a copy of the listed U.S. Patent document is not enclosed.

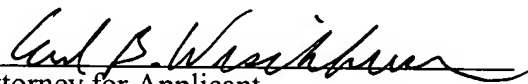
For a concise explanation of relevance for non-English document JP 8-4131, the Examiner is referred to the English-language abstract included herewith. In addition, Applicant notes that JP 8-4131 is in the same patent family as U.S. Patent No. 4,962,412, which is cited herein.

Regarding the relevance of the non-English document by Nakamura, that reference was cited in the specification as an example of a CMD imager (see page 2 of the specification). In addition, Applicant has provided English translations of the titles of Figs. 1-4 of that reference.


It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		ATTY DOCKET NO. <b>03500.017485.</b>		APPLICATION NO. <b>10/644,850</b>		
		APPLICANT <b>MAHITO SHINOHARA</b>				
		FILING DATE <b>August 21, 2003</b>		GROUP <b>Not Yet Assigned</b>		
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>4,962,412</b>	<b>10/09/90</b>	<b>Shinohara et al.</b>	<b>357</b>	<b>30</b>	
	<b>5,008,206</b>	<b>04/16/91</b>	<b>Shinohara et al.</b>	<b>437</b>	<b>3</b>	
	<b>5,146,339</b>	<b>09/08/92</b>	<b>Shinohara et al.</b>	<b>358</b>	<b>212</b>	
	<b>5,280,358</b>	<b>01/18/94</b>	<b>Yushiya et al.</b>	<b>358</b>	<b>213.17</b>	
	<b>2002/0017661</b>	<b>02/14/02</b>	<b>Shinohara</b>	<b>257</b>	<b>238</b>	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	<b>8-4131</b>	<b>01/17/96</b>	<b>Japan</b>			<b>Abstract and see U.S. Patent No. 4,962,412</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						
	<b>A. Yusa et al., "SIT Image Sensor: Design Considerations and Characteristics", <u>IEEE Transactions</u>, vol. ED-33, pp. 735-742, June 1886.</b>					
	<b>N. Tanaka et al., "A 310K Pixel Bipolar Imager (BASIS)", <u>IEEE Transactions Electron Devices</u>, vol 37, pp 964-97, No. 4, April 1990.</b>					
	<b>S. Mendis et al., "A 128 x 128 CMOS Active Pixel Image Sensor for Highly Integrated Imaging Systems", <u>IEDM Tech. Digest</u>, 1993, pp. 583-586.</b>					
	<b>Nakamura et al., "Gate Accumulation Type MOS Photo Transistor Image Sensor", <u>National Conference of Television Society</u>, 3-7, 1986.</b>					
EXAMINER			DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.